

front, its plane of polarization is at a right angle to the plane of polarization of the own antenna device and the affect of the crossing planes of polarization can be reduced.

BB
4-26-07

Please amend the paragraph(s) from page 9, line 6 to page 9~~1/2~~, line ¹²₁ as follows:

Furthermore, according to the present invention, since a switching element for switching the load reactance to the resonance element is contained in the variable reactance circuit, and the control portion applies a control voltage to the switching element, the switching between a resonant and/or a non-resonant states of the resonance element, or between the state of a wave director and/or the state of a reflector can be easily performed.

Please amend the paragraph(s) from page 10, line 7 from the bottom to page 7, line 4 from the bottom as follows:

Figs. 1A and 1B ~~shows~~ show the whole structure of an antenna device according to a first embodiment.

Figs. 2A and 2B ~~shows~~ show the structure of a resonance element array, resonance elements, and variable reactance circuits.

Please amend the paragraph(s) from page 11, line 2 to line 3 as follows:

Figs. 5A and 5B ~~shows~~ show the structure of a variable reactance circuit of an antenna device according to a second embodiment.

Please amend the paragraph(s) from page 12, line 1 to page 13, line 6 from the bottom as follows: